IAN RAPHAEL T. LABICANI

FULL-STACK DEVELOPER & AI AUTOMATION SPECIALIST
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Portfolio | GitHub | LinkedIn

PROFESSIONAL SUMMARY

Full-Stack Developer with 2+ years of experience building full-stack web applications using Laravel, React, TypeScript, Angular, and PostgreSQL. Experienced in REST APIs, authentication and authorization, database design, cloud deployment, and scalable application architecture, and AI automation using n8n, LLM APIs, and MCP integrations, with additional experience teaching programming and web development.

TECHNICAL SKILLS

AI & Automation: n8n, Claude API, OpenAI API, MCP, AI agents, webhooks, workflow automation
Backend: PHP, Laravel, REST APIs
Frontend: React, TypeScript, Angular, Tailwind CSS
Data & GIS: PostgreSQL, PostGIS, Firebase, geospatial data
Cloud & DevOps: AWS S3, Laravel Cloud, Git, CI/CD

PROFESSIONAL EXPERIENCE

Project Technical Specialist II | DA - NFRDI **2026**

- Developed and supported Climate Information Services for the fisheries sector under the FishCoRe project, covering web/mobile systems, REST APIs, PostgreSQL/PostGIS databases, and automated data processing.
- Integrated weather and geospatial data for location-based climate and fisheries advisories and supported technical planning, stakeholder coordination, workshops, and pilot-municipality implementation.
- Developed and supported Climate Information Services across 2 pilot municipalities, covering tilapia, milkfish (bangus), and oyster commodities, with PAGASA government weather API integration for location-based climate and fisheries advisories.

Part-Time IT Instructor | Cagayan State University - Aparri Campus **Apr 2025 - Apr 2026**

- Taught programming, web development, database management, and other IT subjects; prepared lectures, laboratory exercises, assessments, and hands-on activities while mentoring students on practical software projects.

SELECTED PROJECTS

ShipWithIan.online | Laravel, React, TypeScript, PostgreSQL **2026 - Present**

- Built a full-stack portfolio and service platform with modular project, service, lead, and inquiry management, validation, rate limiting, automated email notifications, and production deployment.

Teacher Jenn | Laravel, React, TypeScript, PostgreSQL **2026**

- Built a responsive ESL tutoring platform with teacher profiles, lesson content, educational resources, and structured trial-lesson inquiry workflows using Laravel, React, TypeScript, Inertia, and PostgreSQL.

Lupaco | Laravel, AWS S3, Laravel Cloud **May 2025 - Feb 2026**

- Led full-stack development of a landlord-student boarding platform with role-based authentication and authorization, user-role modeling, AWS S3 storage, and Laravel Cloud deployment.

ClassSync | Laravel, React, PostgreSQL **Apr 2025 - Dec 2025**

- Built a SaaS academic platform for class-list imports, engagement and score tracking, grade computation, multi-organization access, seat management, authentication, and REST APIs.

SeaWatch | Angular, Firebase **Mar 2024 - Dec 2025**

- Developed a GPS-based passenger-boat tracking system with real-time location monitoring, Firebase authentication and data management, and Angular interfaces for risk mitigation and spatial analysis.

EDUCATION

Bachelor of Science in Information Technology | Cagayan State University - Aparri **Apr 2021 - Aug 2025**

- Coursework and practical experience in software development, databases, web technologies, networking, and information systems.